



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 11/9/2020

ORM Number: MVM-2020-277

Associated JDs: MVM-2020-277

Review Area Location¹: State/Territory: Tennessee City: Millington County/Parish/Borough: Shelby

Center Coordinates of Review Area: Latitude 35.329050° Longitude -89.922727°

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- There are “navigable waters of the United States” within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- There are “waters of the United States” within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)²

§ 10 Name	§ 10 Size		§ 10 Criteria	Rationale for § 10 Determination
N/A.	N/A.	N/A.	N/A.	N/A.

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): ³				
(a)(1) Name	(a)(1) Size		(a)(1) Criteria	Rationale for (a)(1) Determination
N/A.	N/A.	N/A.	N/A.	N/A.

Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
Big Creek	1000	linear feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Big Creek is a well-known, studied and mapped blue line stream on topographical maps.

¹ Map(s)/figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District’s list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.



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Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):				
(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination	
N/A.	N/A.	N/A.	N/A.	

Adjacent wetlands ((a)(4) waters):				
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination	
N/A.	N/A.	N/A.	N/A.	

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
Wetland #1	0.72	acre(s)	(b)(1) Non-adjacent wetland.	This wetland's break in adjacency results from non-channelized discharges.
Wetland #2	0.10	acre(s)	(b)(1) Non-adjacent wetland.	This wetland's break in adjacency results from non-channelized discharges.
Stream #1	75.0	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	This stream only flows in direct response to precipitation.
Stream #2	75.0	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	This stream only flows in direct response to precipitation.
Stream #3	634.0	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	This stream only flows in direct response to precipitation.
Stream #4	75.0	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	This stream only flows in direct response to precipitation.
Stream #5	1368.0	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	This stream only flows in direct response to precipitation.

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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- Information submitted by, or on behalf of, the applicant/consultant: [Findley Frazer, P.E., Frazer Environmental Consulting, LLC, on behalf of Millington, Tennessee.](#)
This information is sufficient for purposes of this AJD.
Rationale: [A site visit was performed by Memphis District Regulatory personnel to validate the agent’s findings.](#)
- Data sheets prepared by the Corps: [Title\(s\) and/or date\(s\).](#)
- Photographs: [Aerial: Google Earth Pro](#)
- Corps site visit(s) conducted on: [November 2, 2020.](#)
- Previous Jurisdictional Determinations (AJDs or PJDs): [ORM Number\(s\) and date\(s\).](#)
- Antecedent Precipitation Tool: [provide detailed discussion in Section III.B.](#)
- USDA NRCS Soil Survey: [Title\(s\) and/or date\(s\).](#)
- USFWS NWI maps: [Title\(s\) and/or date\(s\).](#)
- USGS topographic maps: [Title\(s\) and/or date\(s\).](#)

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

- B. Typical year assessment(s):** [The antecedent precipitation tool calculated the day of the site visit to be “normal conditions”.](#)
- C. Additional comments to support AJD:** [Please reference the attached map for the project alignment and the features table for wetland and stream locations.](#)

Delineated Feature Summary Table				
Wetlands				
Feature ID	Area	Center Point		USACE Classification
		Latitude °N, Longitude °W		
Wetland 1	0.72-acres	35.329197° -89.922376°		Wetland
Wetland 2	0.1-acres	35.299557° -89.902398°		Wetland
Stream				
Feature ID	Linear Feet	Starting Point	Ending Point	USACE Classification
		Latitude °N, Longitude °W	Latitude °N, Longitude °W	
Big Creek	500' either side of boring	35.334807° -89.922368°	35.335163° -89.925697°	Stream Perennial
Feature 1	75' either side of alignment	35.329547° -89.923205°	35.329680° -89.923557°	Ephemeral
Feature 2	75' either side of alignment	35.337249° -89.923961°	35.337318° -89.924467°	Ephemeral
Feature 3	634' + 291' (split channel)	35.325925° -89.924292°	35.328989° -89.922630°	Ephemeral
Feature 4	75' either side of alignment	35.327369° -89.916901°	35.327511° -89.916434°	Ephemeral
Feature 5	1,368'	35.320473° -89.907467°	35.323968° -89.908063°	Ephemeral

